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CALIFORNIA. DEPT. OF NATURAL
RESOURCES. DIVISION OF MINES.

BULLETIN.
no. 21-22

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Collates

LEWIS E. AUBURY, STATE GEOLOGIST.
SHOWING BY COUNTIES THE MINERAL PRODUCTS OF THE STATE.

(FROM DIRECT RETURNS BY PRO

[illegible]



MINING BUREAU,

RY, STATE MINERALOGIST.

DUCTIONS OF CALIFORNIA FOR THE YEAR 1900.

LES G. YALE, STATISTICIAN.

CT RETURNS BY PRODUCERS.)

HYDROCARBONS AND GASES.			STRUCTURAL MATERIALS.														TOTAL PRODUCT OF COUNTIES.			
PETROLEUM.			CLAYS AND HYDRAULIC CEMENT.		SANDSTONE AND GRANITE.		LIMESTONE.				MACADAM.		RUBBLE AND PAVING BLOCKS.		MISCELLANEOUS. SERPENTINE, MARBLE, QUARTZ AND GLASS SAND, SLATE.		1900.	COUNTIES.	1899.	
Value.	Bbls.	Value.	Quantity.	Value.	Cubic Feet.	Value.	Bbls.	Value.	Tons.	Value.	Tons.	Value.	Quantity.	Value.	Quantity.	Value.	Value.		Value.	
			M 5,000	Brick. \$40,000							125,845	\$107,531					\$639,771	Alameda	\$508,799	
			Tons 11,500	Pottery. 9,100												Cu. ft. 4,103	Marble. \$5,891	1,479,009	Amador	1,593,720
							600	\$600									500,786	Butte	504,795	
																	1,905,856	Calaveras	1,303,188	
																	13,930	Colusa	1,420	
																	146,900	Contra Costa	135,113	
																	3,483	Del Norte	4,450	
							7,500	6,000								Squares 3,500	Slate. 26,250	426,420	El Dorado	425,346
	(e) 547,960	\$547,960	M 4,250	Brick. 35,062														609,847	Fresno	497,234
			M 795	Brick. 7,100														118,827	Humboldt	235,274
Asphaltum. \$14,020	919,275	827,348	M 2,525	Brick. 17,300			57,721	51,700										420,586	Inyo	473,851
			M 750	Brick. 5,000														1,867,856	Kern	1,027,366
																	5,000	Kings	11,550	
																	172,745	Lake	204,103	
																	20,483	Lassen	28,898	
Asphaltum. 100,000	1,722,887	1,722,887	4,576 tons 53,725 M M 500 M 25,000	Pot'ry \$10,776 Br'k \$275,925 Brick. 3,000 Brick. 200,000	7,500 124,015	Sandstone. \$3,750 Granite. 80,000					7,550	5,800	(h) 35,487 Tons Rubble.	18,552	Cu. ft. 350	Serpentine. 2,000	2,155,198	Los Angeles	1,729,964	
																	268,467	Madera	115,620	
																	202,500	Marin	81,150	
																	171,516	Mariposa	565,636	
																	8,448	Mendocino	8,788	
							1,100	4,000									752,121	Mono	749,556	
									(g) 8,000	\$10,800							19,175	Monterey	17,378	
																	493,100	Napa	701,416	
																	1,916,899	Nevada	2,231,898	

Monterey						8,724	403,500							20,000	4,000			Tons. 1,983	Magnesite. 17,400		
Napa														171,000	72,200			Tons. 2,925	Pyrites. 17,550		
Nevada	1,812,036	66,841	150,980	20,472																	
Orange	2,407												500	2,250							
Placer	986,155	12,058						Ton. 1	Manganese. 10												
Plumas	365,210	4,159																			
Riverside	149,292	6,848											6,000	15,000				Tons. 50	Asbestos. 1,250		
Sacramento	176,007	986																		M cu. ft. (d) 11,750	Natural Gas. 11,750
San Benito						3,990	180,000							10,000	3,750						
San Bernardino	247,949	172,759	1,920,000	297,600				Lbs. 10,000	Lead. 400	Refined, 1,487	151,135							Lbs. 500	Turquoise. 20,000		
San Diego	335,937	19,810								Crude. 24,235	848,215							Tons. 440	Lithia Mica. 11,000		
San Francisco																		Tourmaline. 600			
San Joaquin																				M cu. ft. 27,612	Natural Gas. 19,861
San Luis Obispo						515	23,886													Tons. 3,346	Bit. Rock. 12,905
San Mateo																					
Santa Barbara														19,000	10,350					5,270 tons	Asphal. 105,500
Santa Clara						5,145	241,073											Tons. 39	Magnesite. 253	1,203 M c. ft.	Nat'l Gas. 2,966
Santa Cruz																				Tons. 21,960	Bit. Rock. 58,590
Shasta	733,467	635,640	25,736,473	4,166,735				Tons. 140	Chrome. 1,400					9,640	5,784						
Sierra	659,696	3,463																			
Siskiyou	951,397	13,986												700,000	45,000						
Solano														20,000	4,000						
Sonoma						2,209	99,500							575,000	35,000						
Stanislaus	21,212							Tons. 129	Mineral Paint. 193												
Tehama																					
Trinity	571,605	16,567				2,294	105,982														
Tulare	10,445	433																Tons. 22	Gypsum. 88		
Tuolumne	1,596,891	62,367																Tons. 200	Magnesite. 1,500		
Ventura	2,562																			Tons. 1,466	Asphaltum. 31,670
Yolo																					
Yuba	280,366	4,265																			
Unapportioned (k)	972,185							9,000 Lbs. 50 Tons.	Lead, \$360 Antimony, 5,000					20,000	2,000	20,000	34,000			Tons. 138	Asphaltum. 2,760
Totals	\$15,863,355	a \$1,510,344	29,515,512	\$4,748,242		26,317	\$1,182,786		\$54,003	25,837	\$1,013,251	176,956	\$535,531	2,456,115	\$268,607	89,338	\$204,754		\$155,054		\$360,023
Total value Precious Metals, \$17,373,699. Total value Metallic Substances, inc. Precious Metals, \$23,358,730.										Total value Non-Metallic Substances, \$2,177,197.										Total value Hydrocarbons, \$11,750.	

Tons are of 2,000 pounds. Spot values.
 Counties not mentioned made no mineral production during 1900.
 (a) Coining value.
 (b) Flasks of 76½ pounds.
 (c) Utilized for Sulphur contents.
 (d) Value of that commercially used.
 (e) Barrels of 42 gallons.
 (f) Includes common, pressed, and fire.
 (g) For smelting-flux, beet-sugar manufacture, and paving.
 (h) For sea-wall construction, railroad and concrete work, etc.

(i) So-called Basalt Blocks.
 (j) Used in the manufacture of silica brick.
 (k) Unapportioned includes product of single mines, etc., in counties, so as to conceal their identity; and also includes estimates of product of properties known to be working, but from which no returns were obtained.

MISCELLANEOUS TOTALS.—METALLIC.

Antimony	70 tons	\$5,700
Chrome	140 tons	1,400
Lead	1,040,000 pounds	41,600
Manganese	131 tons	1,310
Mineral Paint	529 tons	3,993
		\$54,003

MISCELLANEOUS TOTALS.—NON-METALLIC.

Asbestos	
Fuller's Earth	
Gypsum	
Lithia Mica	
Magnesite	
Pyrites	
Quartz Crystals	
Soda	
Tourmaline	
Turquoise	

																		19,175	Monterey	17,378
																		493,100	Napa	701,416
																		1,916,899	Nevada	2,231,898
																		259,174	Orange	112,077
																		1,128,882	Placer	1,117,812
																		369,379	Plumas	381,166
																		285,112	Riverside	272,848
																		259,439	Sacramento	233,755
																		205,650	San Benito	290,495
																		1,965,143	San Bernardino	1,859,351
																		402,061	San Diego	381,215
																		58,400	San Francisco	275,694
																		39,862	San Joaquin	111,880
																		85,628	San Luis Obispo	68,548
																		16,500	San Mateo	58,225
																		528,438	Santa Barbara	318,528
																		497,386	Santa Clara	391,940
																		191,091	Santa Cruz	251,392
																		5,574,026	Shasta	4,661,981
																		663,159	Sierra	450,474
																		1,010,383	Siskiyou	991,871
																		24,700	Solano	16,937
																		157,135	Sonoma	142,330
																		21,705	Stanislaus	11,769
																		2,200	Tehama	19,800
																		698,689	Trinity	715,595
																		21,566	Tulare	20,810
																		1,659,258	Tuolumne	1,650,880
																		476,161	Ventura	613,450
																		1,760	Yolo	384
																		284,631	Yuba	189,939
																		1,406,803	Unapportioned	485,802
																			Totals	\$29,313,460
Total value Structural Materials, \$2,574,067.																		1900.	1899.	

